

L Number	Hits	Search Text	DB	Time stamp
1	16008	(leaf or module or tiles) near4 cell	USPAT; US-PPGPUB; EPO; JPO; DERWENT; IBM TDB	2003/08/09 07:59
2	2030	((leaf or module or tiles) near4 cell) and horizontal and vertical	USPAT; US-PPGPUB; EPO; JPO; DERWENT; IBM TDB	2003/08/09 08:15
3	669	((((leaf or module or tiles) near4 cell) and horizontal and vertical) and memory	USPAT; US-PPGPUB; EPO; JPO; DERWENT; IBM TDB	2003/08/09 08:00
4	0	((((leaf or module or tiles) near4 cell) and horizontal and vertical) and memory) and bitcell	USPAT; US-PPGPUB; EPO; JPO; DERWENT; IBM TDB	2003/08/09 08:01
5	331	((((leaf or module or tiles) near4 cell) and horizontal and vertical) and memory) and (input/output or I/O)	USPAT; US-PPGPUB; EPO; JPO; DERWENT; IBM TDB	2003/08/09 08:01
6	293	(((((leaf or module or tiles) near4 cell) and horizontal and vertical) and memory) and (input/output or I/O)) and signal	USPAT; US-PPGPUB; EPO; JPO; DERWENT; IBM TDB	2003/08/09 08:12
7	64	(((((leaf or module or tiles) near4 cell) and horizontal and vertical) and memory) and (input/output or I/O)) and signal) and netlist	USPAT; US-PPGPUB; EPO; JPO; DERWENT; IBM TDB	2003/08/09 08:03
8	0	(((((leaf or module or tiles) near4 cell) and horizontal and vertical) and memory) and (input/output or I/O)) and signal) and parametric	USPAT; US-PPGPUB; EPO; JPO; DERWENT; IBM TDB	2003/08/09 08:13
9	155	hierarchical\$4 near4 (arrange or stitch\$3)	USPAT; US-PPGPUB; EPO; JPO; DERWENT; IBM TDB	2003/08/09 08:17
10	0	(((((leaf or module or tiles) near4 cell) and horizontal and vertical) and memory) and (input/output or I/O)) and signal) and (hierarchical\$4 near4 (arrange or stitch\$3))	USPAT; US-PPGPUB; EPO; JPO; DERWENT; IBM TDB	2003/08/09 08:17

	U	1	Document ID	Issue Date	Pages	Title	Current OR
1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6493658 B1	20021210	88	Optimization processing for integrated circuit physical design automation system using optimally switched fitness improvement algorithms	703/1
2	<input type="checkbox"/>	<input type="checkbox"/>	US 6490717 B1	20021203	32	Generation of sub-netlists for use in incremental compilation	716/18
3	<input type="checkbox"/>	<input type="checkbox"/>	US 6421818 B1	20020716	80	Efficient top-down characterization method	716/18
4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6407434 B1	20020618	136	Hexagonal architecture	257/401
5	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6378123 B1	20020423	81	Method of handling macro components in circuit design synthesis	716/18
6	<input type="checkbox"/>	<input type="checkbox"/>	US 6357035 B1	20020312	6	Method and apparatus for the automated generation of programmable interconnect matrices	716/11
7	<input type="checkbox"/>	<input type="checkbox"/>	US 6324678 B1	20011127	45	Method and system for creating and validating low level description of electronic design	716/18
8	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6312980 B1	20011106	134	Programmable triangular shaped device having variable gain	438/197

	U	1	Document ID	Issue Date	Pages	Title	Current OR
9	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6295636 B1	20010925	82	RTL analysis for improved logic synthesis	716/18
10	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6292931 B1	20010918	81	RTL analysis tool	716/18
11	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6289498 B1	20010911	81	VDHDL/Verilog expertise and gate synthesis automation system	716/18
12	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6289491 B1	20010911	80	Netlist analysis tool by degree of conformity	716/5
13	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6263483 B1	20010717	81	Method of accessing the generic netlist created by synopsys design compiler	716/18
14	<input type="checkbox"/>	<input type="checkbox"/>	US 6243849 B1	20010605	9	Method and apparatus for netlist filtering and cell placement	716/8
15	<input type="checkbox"/>	<input type="checkbox"/>	US 6216252 B1	20010410	53	Method and system for creating, validating, and scaling structural description of electronic device	716/1
16	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6209123 B1	20010327	114	Methods of placing transistors in a circuit layout and semiconductor device with automatically placed transistors	716/14
17	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6205572 B1	20010320	79	Buffering tree analysis in mapped design	716/5
18	<input type="checkbox"/>	<input type="checkbox"/>	US 6195788 B1	20010227	21	Mapping heterogeneous logic elements in a programmable logic device	716/18
19	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6173435 B1	20010109	80	Internal clock handling in synthesis script	716/18
20	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6173434 B1	20010109	13	Dynamically-configurable digital processor using method for relocating logic array modules	716/17
21	<input type="checkbox"/>	<input type="checkbox"/>	US 6155725 A	20001205	84	Cell placement representation and transposition for integrated circuit physical design automation system	716/9
22	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6134705 A	20001017	32	Generation of sub-netlists for use in incremental compilation	716/18

	U	1	Document ID	Issue Date	Pages	Title	Current OR
23	<input type="checkbox"/>	<input type="checkbox"/>	US 6102964 A	200000815	24	Fitting for incremental compilation of electronic designs	716/18
24	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6097073 A	200000801	138	Triangular semiconductor or gate	257/401
25	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6006024 A	19991221	112	Method of routing an integrated circuit	716/12
26	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5987086 A	19991116	113	Automatic layout standard cell routing	716/1
27	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5984510 A	19991116	113	Automatic synthesis of standard cell layouts	716/2
28	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5973376 A	19991026	136	Architecture having diamond shaped or parallelogram shaped cells	257/401
29	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5963975 A	19991005	84	Single chip integrated circuit distributed shared memory (DSM) and communications nodes	711/147
30	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5914887 A	19990622	84	Congestion based cost factor computing apparatus for integrated circuit physical design automation system	716/8
31	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5903461 A	19990511	67	Method of cell placement for an integrated circuit chip comprising chaotic placement and moving windows	700/121

	U	1	Document ID	Issue Date	Pages	Title	Current OR
32	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US A 5889329	19990330	139	Tri-directional interconnect architecture for SRAM	257/758
33	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US A 5875117	19990223	84	Simultaneous placement and routing (SPAR) method for integrated circuit physical design automation system	716/14
34	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US A 5872380	19990216	136	Hexagonal sense cell architecture	257/369
35	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US A 5870313	19990209	84	Optimization processing for integrated circuit physical design automation system using parallel moving windows	716/10
36	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US A 5870308	19990209	49	Method and system for creating and validating low-level description of electronic design	716/18
37	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US A 5864165	19990126	141	Triangular semiconductor NAND gate	257/401

	U	1	Document ID	Issue Date	Pages	Title	Current OR
38	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US A 5834821	19981110	140	Triangular semiconductor "AND" gate device	257/401
39	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US A 5822214	19981013	135	CAD for hexagonal architecture	716/10
40	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US A 5818729	19981006	23	Method and system for placing cells using quadratic placement and a spanning tree model	716/9
41	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US A 5815403	19980929	83	Fail-safe distributive processing method for producing a highest fitness cell placement for an integrated circuit chip	716/9
42	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US A 5811863	19980922	136	Transistors having dynamically adjustable characteristics	257/401

	U	1	Document ID	Issue Date	Pages	Title	Current OR
43	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5808330 A	19980915	136	Polydirectional non-orthogonal three layer interconnect architecture	257/208
44	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5801958 A	19980901	95	Method and system for creating and validating low level description of electronic design from higher level, behavior-oriented description, including interactive system for hierarchical display of control and dataflow information	716/18
45	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5801422 A	19980901	139	Hexagonal SRAM architecture	257/369
46	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5793644 A	19980811	84	Cell placement alteration apparatus for integrated circuit chip physical design automation system	716/2
47	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5789770 A	19980804	136	Hexagonal architecture with triangular shaped cells	257/206

	U	1	Document ID	Issue Date	Pages	Title	Current OR
48	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5781439 A	19980714	83	Method for producing integrated circuit chip having optimized cell placement	700/121
49	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5777360 A	19980707	137	Hexagonal field programmable gate array architecture	257/315
50	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5745363 A	19980428	83	Optimization processing for integrated circuit physical design automation system using optimally switched cost function computations	700/121
51	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5742510 A	19980421	83	Simultaneous placement and routing (SPAR) method for integrated circuit physical design automation system	700/97
52	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5742086 A	19980421	136	Hexagonal DRAM array	257/300
53	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5682322 A	19971028	83	Optimization processing for integrated circuit physical design automation system using chaotic fitness improvement method	716/2
54	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5636125 A	19970603	66	Computer implemented method for producing optimized cell placement for integrated circuit chip	700/121

	U	1	Document ID	Issue Date	Pages	Title	Current OR
55	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5598344 A	19970128	51	Method and system for creating, validating, and scaling structural description of electronic device	716/18
56	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5572436 A	19961105	48	Method and system for creating and validating low level description of electronic design	716/18
57	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5557533 A	19960917	67	Cell placement alteration apparatus for integrated circuit chip physical design automation system	716/9
58	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5557531 A	19960917	47	Method and system for creating and validating low level structural description of electronic design from higher level, behavior-oriented description, including estimating power dissipation of physical implementation	716/1
59	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5555201 A	19960910	95	Method and system for creating and validating low level description of electronic design from higher level, behavior-oriented description, including interactive system for hierarchical display of control and dataflow information	716/1
60	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5553002 A	19960903	47	Method and system for creating and validating low level description of electronic design from higher level, behavior-oriented description, using milestone matrix incorporated into user-interface	716/11

	U	1	Document ID	Issue Date	Pages	Title	Current OR
61	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5544066 A	19960806	47	Method and system for creating and validating low level description of electronic design from higher level, behavior-oriented description, including estimation and comparison of low-level design constraints	716/18
62	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5541849 A	19960730	46	Method and system for creating and validating low level description of electronic design from higher level, behavior-oriented description, including estimation and comparison of timing parameters	716/18
63	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5495419 A	19960227	80	Integrated circuit physical design automation system utilizing optimization process decomposition and parallel processing	700/121
64	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5487018 A	19960123	13	Electronic design automation apparatus and method utilizing a physical information database	716/11

L Number	Hits	Search Text	DB	Time stamp
-	16008	(leaf or module or tiles) near4 cell	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/09 11:13
-	4	((((leaf or module or tiles) near4 cell) and parametric) and (input/output or I/O)) and netlist	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/08 16:26
-	35	((((leaf or module or tiles) near4 cell) and parametric) and (input/output or I/O))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/08 16:53
-	93	((leaf or module or tiles) near4 cell) and parametric	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/09 07:59
-	16008	(leaf or module or tiles) near4 cell	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/09 07:59
-	2030	((leaf or module or tiles) near4 cell) and horizontal and vertical	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/09 08:30
-	669	((((leaf or module or tiles) near4 cell) and horizontal and vertical) and memory	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/09 08:00
-	0	((((leaf or module or tiles) near4 cell) and horizontal and vertical) and memory) and bitcell	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/09 08:01
-	331	((((leaf or module or tiles) near4 cell) and horizontal and vertical) and memory) and (input/output or I/O)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/09 08:31
-	64	(((((leaf or module or tiles) near4 cell) and horizontal and vertical) and memory) and (input/output or I/O)) and signal) and netlist	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/09 08:27
-	0	(((((leaf or module or tiles) near4 cell) and horizontal and vertical) and memory) and (input/output or I/O)) and signal) and parametric	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/09 08:13
-	155	hierarchical\$4 near4 (arrange or stitch\$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/09 11:13
-	0	(((((leaf or module or tiles) near4 cell) and horizontal and vertical) and memory) and (input/output or I/O)) and signal) and (hierarchical\$4 near4 (arrange or stitch\$3))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/09 08:17

-	293	((leaf or module or tiles) near4 cell) and horizontal and vertical) and memory) and (input/output or I/O)) and signal	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/09 08:27
-	199	((leaf or module or tiles) near4 cell) same (horizontal and vertical)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/09 08:30
-	45	((leaf or module or tiles) near4 cell) same (horizontal and vertical)) and (input/output or I/O)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/09 09:08
-	4202261	bitcell or (flip adj flop) or (store adj element) register	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/09 11:12
-	41844	(bitcell or (flip adj flop) or (store adj element) or register) adj2 array	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/09 11:25
-	16008	(leaf or module or tiles) near4 cell	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/09 11:27
-	304	((bitcell or (flip adj flop) or (store adj element) or register) adj2 array) and ((leaf or module or tiles) near4 cell)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/09 11:16
-	916	hierarchical\$4 near4 (arrange or stitch\$3 or interconnect\$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/09 11:14
-	4	((bitcell or (flip adj flop) or (store adj element) or register) adj2 array) and ((leaf or module or tiles) near4 cell)) and (hierarchical\$4 near4 (arrange or stitch\$3 or interconnect\$5))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/09 11:14
-	11	((bitcell or (flip adj flop) or (store adj element) or register) adj2 array) and ((leaf or module or tiles) near4 cell)) and (global adj4 signal)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/09 11:19
-	70	((bitcell or (flip adj flop) or (store adj element) or register) adj2 array) and (hierarchical\$4 near4 (arrange or stitch\$3 or interconnect\$5))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/09 11:23
-	4	((bitcell or (flip adj flop) or (store adj element) or register) adj2 array) and (hierarchical\$4 near4 (arrange or stitch\$3 or interconnect\$5))) and ((leaf or module or tiles) near4 cell)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/09 12:03
-	45458	(bitcell or (flip adj flop) or (storage adj element) or register) adj2 array	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/09 11:26
-	339	((bitcell or (flip adj flop) or (storage adj element) or register) adj2 array) and ((leaf or module or tiles) near4 cell)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/09 11:26

-	4	((bitcell or (flip adj flop) or (storage adj element) or register) adj2 array) and ((leaf or module or tiles) near4 cell)) and (hierarchical\$4 near4 (arrange or stitch\$3 or interconnect\$5)) (leaf or module or tile) near4 cell	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/09 11:26
-	16008			2003/08/09 11:28
-	0	((((bitcell or (flip adj flop) or (store adj element) or register) adj2 array) and ((leaf or module or tiles) near4 cell)) and (global adj4 signal)) and (hierarchical\$4 near4 (arrange or stitch\$3 or interconnect\$5))		2003/08/09 12:03

L Number	Hits	Search Text	DB	Time stamp
3	4202261	bitcell or (flip adj flop) or (store adj element) register	USPAT; US-PPGPUB; EPO; JPO; DERWENT; IBM TDB	2003/08/09 11:12
4	41844	(bitcell or (flip adj flop) or (store adj element) or register) adj2 array	USPAT; US-PPGPUB; EPO; JPO; DERWENT; IBM TDB	2003/08/09 11:25
5	16008	(leaf or module or tiles) near4 cell	USPAT; US-PPGPUB; EPO; JPO; DERWENT; IBM TDB	2003/08/09 11:13
6	304	((bitcell or (flip adj flop) or (store adj element) or register) adj2 array) and ((leaf or module or tiles) near4 cell)	USPAT; US-PPGPUB; EPO; JPO; DERWENT; IBM TDB	2003/08/09 11:16
7	916	hierarchical\$4 near4 (arrange or stitch\$3 or interconnect\$5)	USPAT; US-PPGPUB; EPO; JPO; DERWENT; IBM TDB	2003/08/09 11:14
8	4	((bitcell or (flip adj flop) or (store adj element) or register) adj2 array) and ((leaf or module or tiles) near4 cell)) and (hierarchical\$4 near4 (arrange or stitch\$3 or interconnect\$5))	USPAT; US-PPGPUB; EPO; JPO; DERWENT; IBM TDB	2003/08/09 11:14
9	11	((bitcell or (flip adj flop) or (store adj element) or register) adj2 array) and ((leaf or module or tiles) near4 cell)) and (global adj4 signal)	USPAT; US-PPGPUB; EPO; JPO; DERWENT; IBM TDB	2003/08/09 11:19
10	70	((bitcell or (flip adj flop) or (store adj element) or register) adj2 array) and (hierarchical\$4 near4 (arrange or stitch\$3 or interconnect\$5))	USPAT; US-PPGPUB; EPO; JPO; DERWENT; IBM TDB	2003/08/09 11:23
12	4	((bitcell or (flip adj flop) or (store adj element) or register) adj2 array) and (hierarchical\$4 near4 (arrange or stitch\$3 or interconnect\$5))) and ((leaf or module or tiles) near4 cell)	USPAT; US-PPGPUB; EPO; JPO; DERWENT; IBM TDB	2003/08/09 11:23
13	45458	(bitcell or (flip adj flop) or (storage adj element) or register) adj2 array	USPAT; US-PPGPUB; EPO; JPO; DERWENT; IBM TDB	2003/08/09 11:26
14	339	((bitcell or (flip adj flop) or (storage adj element) or register) adj2 array) and ((leaf or module or tiles) near4 cell)	USPAT; US-PPGPUB; EPO; JPO; DERWENT; IBM TDB	2003/08/09 11:26
15	4	((bitcell or (flip adj flop) or (storage adj element) or register) adj2 array) and ((leaf or module or tiles) near4 cell)) and (hierarchical\$4 near4 (arrange or stitch\$3 or interconnect\$5))	USPAT; US-PPGPUB; EPO; JPO; DERWENT; IBM TDB	2003/08/09 11:26

L Number	Hits	Search Text	DB	Time stamp
3	4202261	bitcell or (flip adj flop) or (store adj element) register	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/08/09 11:12
4	41844	(bitcell or (flip adj flop) or (store adj element) or register) adj2 array	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/08/09 11:13
5	16008	(leaf or module or tiles) near4 cell	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/08/09 11:13
6	304	((bitcell or (flip adj flop) or (store adj element) or register) adj2 array) and ((leaf or module or tiles) near4 cell)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/08/09 11:16
7	916	hierarchical\$4 near4 (arrange or stitch\$3 or interconnect\$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/08/09 11:14
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9	11	((bitcell or (flip adj flop) or (store adj element) or register) adj2 array) and ((leaf or module or tiles) near4 cell)) and (global adj4 signal)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/08/09 11:19
10	70	((bitcell or (flip adj flop) or (store adj element) or register) adj2 array) and (hierarchical\$4 near4 (arrange or stitch\$3 or interconnect\$5))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/08/09 11:20
-	16008	(leaf or module or tiles) near4 cell	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/08/09 11:13
-	4	((leaf or module or tiles) near4 cell) and parametric and (input/output or I/O) and netlist	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/08/08 16:26
-	35	((leaf or module or tiles) near4 cell) and parametric and (input/output or I/O)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/08/08 16:53
-	93	((leaf or module or tiles) near4 cell) and parametric	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/08/09 07:59
-	16008	(leaf or module or tiles) near4 cell	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/08/09 07:59

	2030	((leaf or module or tiles) near4 cell) and horizontal and vertical	USPAT; US_PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US_PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US_PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US_PGPUB; EPO; JPO; DERWENT;	2003/08/09 08:30
	669	((((leaf or module or tiles) near4 cell) and horizontal and vertical) and memory)	USPAT; US_PGPUB; EPO; JPO; DERWENT;	2003/08/09 08:00
	0	(((((leaf or module or tiles) near4 cell) and horizontal and vertical) and memory) and bitcell)	USPAT; US_PGPUB; EPO; JPO; DERWENT;	2003/08/09 08:01
	331	(((((leaf or module or tiles) near4 cell) and horizontal and vertical) and memory) and (input/output or I/O))	USPAT; US_PGPUB; EPO; JPO; DERWENT;	2003/08/09 08:31
	64	(((((leaf or module or tiles) near4 cell) and horizontal and vertical) and memory) and (input/output or I/O)) and signal) and netlist	USPAT; US_PGPUB; EPO; JPO; DERWENT;	2003/08/09 08:27
	0	(((((leaf or module or tiles) near4 cell) and horizontal and vertical) and memory) and (input/output or I/O)) and signal) and parametric	USPAT; US_PGPUB; EPO; JPO; DERWENT;	2003/08/09 08:13
	155	hierarchical\$4 near4 (arrange or stitch\$3)	USPAT; US_PGPUB; EPO; JPO; DERWENT;	2003/08/09 11:13
	0	(((((leaf or module or tiles) near4 cell) and horizontal and vertical) and memory) and (input/output or I/O)) and signal) and (hierarchical\$4 near4 (arrange or stitch\$3))	USPAT; US_PGPUB; EPO; JPO; DERWENT;	2003/08/09 08:17
	293	((((leaf or module or tiles) near4 cell) and horizontal and vertical) and memory) and (input/output or I/O)) and signal	USPAT; US_PGPUB; EPO; JPO; DERWENT;	2003/08/09 08:27
	199	((leaf or module or tiles) near4 cell) same (horizontal and vertical)	USPAT; US_PGPUB; EPO; JPO; DERWENT;	2003/08/09 08:30
	45	((leaf or module or tiles) near4 cell) same (horizontal and vertical)) and (input/output or I/O)	USPAT; US_PGPUB; EPO; JPO; DERWENT;	2003/08/09 09:08

L Number	Hits	Search Text	DB	Time stamp
3	4202261	bitcell or (flip adj flop) or (store adj element) register	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/08/09 11:12
4	41844	(bitcell or (flip adj flop) or (store adj element) or register) adj2 array	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/08/09 11:13
5	16008	(leaf or module or tiles) near4 cell	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/08/09 11:13
6	304	((bitcell or (flip adj flop) or (store adj element) or register) adj2 array) and ((leaf or module or tiles) near4 cell)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/08/09 11:16
7	916	hierarchical\$4 near4 (arrange or stitch\$3 or interconnect\$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/08/09 11:14
8	4	((bitcell or (flip adj flop) or (store adj element) or register) adj2 array) and ((leaf or module or tiles) near4 cell)) and (hierarchical\$4 near4 (arrange or stitch\$3 or interconnect\$5))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/08/09 11:14
9	11	((bitcell or (flip adj flop) or (store adj element) or register) adj2 array) and ((leaf or module or tiles) near4 cell)) and (global adj4 signal)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/08/09 11:19
10	70	((bitcell or (flip adj flop) or (store adj element) or register) adj2 array) and (hierarchical\$4 near4 (arrange or stitch\$3 or interconnect\$5))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/08/09 11:20

	U	1	Document ID	Issue Date	Pages	Title	Current OR
1	<input type="checkbox"/>	<input type="checkbox"/>	US 20010052062 A1	20011213	57	PARALLEL COMPUTER WITHIN DYNAMIC RANDOM ACCESS MEMORY	712/32
2	<input type="checkbox"/>	<input type="checkbox"/>	US 6212668 B1	20010403	15	Gain matrix for hierarchical circuit partitioning	716/7
3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5777608 A	19980707	51	Apparatus and method for in-parallel scan-line graphics rendering using content-searchable memories	345/519
4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5758148 A	19980526	31	System and method for searching a data base using a content-searchable memory	707/6

	U	1	Document ID	Issue Date	Pages	Title	Current OR
1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 20030001634 A1	20030102	18	Delay compensation circuit	327/158
2	<input type="checkbox"/>	<input type="checkbox"/>	US 6353921 B1	20020305	23	Hardwire logic device emulating any of two or more FPGAs	716/17
3	<input type="checkbox"/>	<input type="checkbox"/>	US 6226779 B1	20010501	23	Programmable IC with gate array core and boundary scan capability	716/16
4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6134517 A	20001017	24	Method of implementing a boundary scan chain	703/28
5	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 6120551 A	20000919	24	Hardwire logic device emulating an FPGA	716/17
6	<input type="checkbox"/>	<input type="checkbox"/>	US 6071314 A	20000606	25	Programmable I/O cell with dual boundary scan	716/17
7	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5991908 A	19991123	24	Boundary scan chain with dedicated programmable routing	714/727
8	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5926036 A	19990720	51	Programmable logic array circuits comprising look up table implementation of fast carry adders and counters	326/40
9	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5828229 A	19981027	47	Programmable logic array integrated circuits	326/40
10	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5790539 A	19980804	27	ASIC chip for implementing a scaleable multicast ATM switch	370/390
11	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 5535408 A	19960709	43	Processor chip for parallel processing system	712/16

	Current XRef	Retrieval Classif	Inventor	S	C	P	2	3	4	5
1			Cao, Xianguo et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	257/210; 716/12; 716/16		Law, Edwin S. et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>					
3	326/16; 326/47; 714/30; 714/727; 714/733		Baxter, Glenn A. et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>					
4	714/727		Baxter, Glenn A. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5			Law, Edwin S. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	326/16; 326/47; 714/30; 714/727; 714/733; 716/16; 716/8		Baxter, Glenn A. et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>					
7	716/16		Baxter, Glenn A. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8	326/39; 326/41		Cliff, Richard G. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9	326/38		Cliff, Richard G. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10	370/398		Chao, Hung-Hsiang Jonathan et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11	710/52; 711/106; 712/13		Hillis, W. Daniel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

L Number	Hits	Search Text	DB	Time stamp
1	16008	(leaf or module or tiles) near4 cell	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/08/09 07:59
2	2030	((leaf or module or tiles) near4 cell) and horizontal and vertical	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/08/09 08:30
3	669	((((leaf or module or tiles) near4 cell) and horizontal and vertical) and memory	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/08/09 08:00
4	0	(((((leaf or module or tiles) near4 cell) and horizontal and vertical) and memory) and bitcell	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/08/09 08:01
5	331	((((leaf or module or tiles) near4 cell) and horizontal and vertical) and memory) and (input/output or I/O)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/08/09 08:31
7	64	(((((leaf or module or tiles) near4 cell) and horizontal and vertical) and memory) and (input/output or I/O)) and signal) and netlist	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/08/09 08:27
8	0	(((((leaf or module or tiles) near4 cell) and horizontal and vertical) and memory) and (input/output or I/O)) and signal) and parametric	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/08/09 08:13
9	155	hierarchical\$4 near4 (arrange or stitch\$3). induct connect	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/08/09 08:17
10	0	(((((leaf or module or tiles) near4 cell) and horizontal and vertical) and memory) and (input/output or I/O)) and signal) and (hierarchical\$4 near4 (arrange or stitch\$3))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/08/09 08:17
6	293	((((leaf or module or tiles) near4 cell) and horizontal and vertical) and memory) and (input/output or I/O)) and signal	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/08/09 08:27
11	199	((leaf or module or tiles) near4 cell) same (horizontal and vertical)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/08/09 08:30
12	45	((leaf or module or tiles) near4 cell) same (horizontal and vertical)) and (input/output or I/O)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/08/09 08:31